

CLAIMS

What is claimed is:

Subassemblies

1. An assembly comprising: a first, a second, and a third component, the first component being secured to the second component by a deformed portion to provide a subassembly, in which the deformed portion is utilized to releaseably secure the third component to the sub assembly via a fourth component.
2. The assembly according to claim 1 in which the first component includes a feature which ensures alignment between the first and the second component.
3. The assembly according to claim 2 in which the deformed portion is formed from a pre deformed portion, the deformed portion co-operating with an associated region of the first component to provide the subassembly, which during assembly of the first and the second component, the feature aligns the first and the second component whilst the pre deformed portion is remote from the associated region.
4. The assembly according to claim 1 in which at least one of the first, the second and the third component include a hole to allow passage of the fourth component.
5. The assembly according to claim 2 in which the feature ensures alignment between the subassembly and the third component.
6. The assembly according to claim 5 in which the second component includes a second component hole with a second component hole diameter, and the third component includes a third component hole with a third component hole diameter.

7. The assembly according to claim 6 in which the second component hole diameter is greater than the third component hole diameter.
8. The assembly according to claim 6 in which the third component hole diameter is greater than the second component hole diameter.
9. The assembly according to claim 6 in which the second component hole diameter is equal to the third component hole diameter.
10. The assembly according to claim 5 in which at least one of the second and the third component holes is a threaded hole.
11. The assembly according to claim 1 in which the fourth component is one of a self tapping screw, a bolt, and a nut and a bolt.
12. The assembly according to claim 1 in which the second component includes a recess and the recess includes the deformed portion.
13. The assembly according to claim 1 in which at least one of the first, the second and the third component is plastic.
14. The assembly according to claim 13 in which one of said at least one plastic component is integral with the deformed portion.
15. The assembly according to claim 1 in which the first component is a door panel in which the door panel lies in a substantially vertical plane.

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16. The assembly according to claim 15 in which the first component includes a feature which ensures alignment between the first and second component and the feature has some horizontal extent in order to resist loads acting in planes parallel to the door panel.
17. The assembly according to claim 1 in which the second component is part of a window regulator drive system mechanism.
18. The assembly according to claim 1 in which the third component is part of a window regulator.
19. The assembly according to claim 1 in which the deformed portion forms a seal between the first component and the second component.
20. The assembly according to claim 1 in which the deformed portion is non-circular in cross section so as to prevent rotation of at least one of the first, the second and the third component relative to another of the first, the second and the third components.
21. The assembly according to claim 2 in which the feature is non-circular in cross section so as to prevent rotation of at least one of the first, the second and the third component relative to another of the first, the second and the third component.
22. The assembly according to claim 1 including at least one further deformed portion at a spaced location from the said deformed portion, in which the first component is further secured to the second component by said at least one further deformed portion.